

1632 #6

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DOCKET NO.: PHRM-0325/00133US1

PATENT



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In Re Application of:

Steven L. Roberds, et al.

Serial No.: 09/852,386

Group Art Unit: 1632

Filing Date: May 10, 2001

Examiner: Not Yet Assigned

For: HUMAN ION CHANNELS

DATE OF DEPOSIT: March 8, 2002

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Gwilym J.O. Attwell  
TYPED NAME: Gwilym J.O. Attwell  
REGISTRATION NO.: 45,449

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- ☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

- ☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of \$180.00 as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of \$180.00 as set forth in §1.17(p).
- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:
- ☐ In view of the voluminous nature of references [**list as appropriate**], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

- ☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:
- ☐ Copies of references **[list as appropriate]** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed .
- ☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

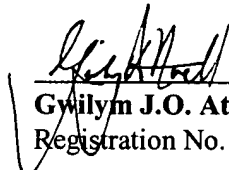
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.

This form is submitted in duplicate.

Attached is a copy of the PCT Partial International Search Report dated **February 14, 2002**, which indicates the documents considered to be relevant.

There are no listed references which are not in the English language.

Date: *March 8, 2002*

  
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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>PHRM-0325/00133US1</b>	Serial No. <b>09/852,386</b>
		Applicant <b>Steven L. Roberds, et al.</b>	
		Filing Date <b>May 10, 2001</b>	Group <b>1632</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	FO	Lesage, F. et al., "Homo sapiens domain potassium channel TREK2 (KCNK10) m RNA, complete cds", <i>Database Genembl</i> , 09/20/00, XP002187800, 2 pages	
	FP	Lesage, F. et al., "Human TREK2, a 2P domain mechano-sensitive K <sup>+</sup> channel with multiple regulations by polyunsaturated fatty acids, lysophospholipids, and Gs, Gi, and Gq protein-coupled receptors", <i>Journal of Biological Chemistry</i> , 09/15/00, XP-002187799, 28398-28405	
	FQ	Copy of the Partial International Search Report dated <b>February 14, 2002</b> , relating to International Application # PCT/US01/14965	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

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				Applicant <b>Steven L. Roberds, et al.</b>			
				Filing Date <b>May 10, 2001</b>		Group <b>1632</b>	
<b>U. S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation YES NO</b>		
	FR	WO 99/37762	07/29/99	PCT			
	FS	WO 99/43696	09/02/99	PCT			
	FT	WO 99/45108	09/10/99	PCT	X(abstract)		
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			